

INFORMATION DISCLOSURE CITATION

PTO-1449

ATTY. DOCKET NO.
16904-760APPLICATION NO.
10/026,876
To Be AssignedTITLE:
Tissue Remodeling Apparatus Containing Cooling FluidAPPLICANT
Edward W. KnowltonFILING DATE
Herewith 12/20/01GROUP 5739
UnknownU.S. PAT. & TM. OFF.
10/026,876
12/20/01

U.S. PATENT DOCUMENTS

| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|---------------------|------------|-------|-------------|-------|----------|-------------|
| RWY | RE 32,849 | 1/89 | Wei, et al. | 204 | 192.27 | 6/2/85 |
| | 3,831,604 | 8/74 | Neefe | 128 | 260 | 9/19/73 |
| | 4,074,718 | 11/78 | Morrison | 128 | 303.14 | 3/17/76 |
| | 4,140,130 | 2/79 | Storm, III | 128 | 404 | 5/31/77 |
| | 4,164,226 | 8/79 | Tapper | 128 | 419 R | 6/13/77 |
| | 4,290,435 | 8/81 | Waggott | 128 | 800 | 9/7/79 |
| | 4,343,301 | 8/82 | Indech | 128 | 24 | 10/4/79 |
| | 4,346,715 | 8/82 | Gammell | 128 | 422 | 5/13/80 |

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| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
|---------------------|------------|-------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| RWY | 96/34568 | 11/96 | PCT | | | | |
| | 92/19414 | 11/92 | PCT | | | | |
| | 0 519 415 | 12/92 | Europe | | | | |
| | 31 21 683 | 12/82 | Germany | | | | X |
| | 1 949 534 | 4/70 | Germany | | | | X |
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| RWY | Allain, et al. "Isometric Tensions Developed During the Hydrothermal Swelling of Rat Skin", Connective Tissue Research, vol 7, pp. 697-701, (1990). |
| | Danielson, C. "Age-Related thermal stability and susceptibility to proteolysis of rat bone collagen", ...chem, Great Britain, pp. 697-701, (1990). |
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| | Mainster, M.A. "Ophthalmic applications of infrared lasers - thermal considerations", Visual Sci., pp. 414-420, April 1979. |
| | Pearce, et al. "Kinetic models of laser-tissue fusion processes", ISA, paper #93-044, pp. 355-360, (1993).. |

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Unknown

U.S. PATENT DOCUMENTS

| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
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| | 4,381,007 | 4/83 | Doss | 128 | 303.1 | 4/30/81 |
| | 4,441,486 | 4/84 | Pounds | 128 | 24 | 10/27/81 |
| | 4,545,368 | 10/85 | Rand, et al. | 128 | 1.3 | 4/13/83 |
| | 4,676,258 | 6/87 | Inokuchi, et al. | 128 | 804 | 6/5/86 |
| | 4,709,701 | 12/87 | Weber | 128 | 422 | 4/14/86 |
| | 4,881,543 | 11/89 | Trembly, et al. | 128 | 303.1 | 6/28/88 |
| | 4,887,614 | 12/89 | Shirakami, et al. | 128 | 798 | 4/18/89 |
| | 4,889,122 | 12/89 | Watmough et al. | 128 | 399 | 4/11/88 |
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| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
|------------------------|------------|------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
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| RWJ | Adrian, R. M. "Treatment of Facial Telangiectasia Using the VersaPulse® Variable Pulse Width Frequency Doubled Neodymium:YAG Laser: A Case Report. |
| | Chess, C.; Chess, Q. "Cool Laser Optics Treatment of Large Telangiectasia of the Lower Extremities." <i>J. Dermatol Surg Oncol.</i> 1993; 19:74-80. |
| | Coulson, W. F. et al. "Nonablative Laser Treatment of Facial Rhytides: Animal Study." Abstract for BiOS '98 Symposium Conference: bo05 - Cutaneous Applications of Lasers, 24-30 January 1998, San Jose, CA. |
| | Kincade, K. "Demand for Laser Resurfacing Soars: Quicker Healing, Less Risk of Scarring" <i>Dermatology Times.</i> 1995. 16(10) |
| | Fitzpatrick, R. "Treatment of Wrinkles with the UltraPulse CO ₂ Laser." |
| | Laser Aesthetics, Inc. "The Cool Touch Laser." Brochure. |
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PTO-1449

ATTY. DOCKET NO.
16904-760101,626,876
APPLICATION NO.
~~To Be Assigned~~TITLE:
Tissue Remodeling Apparatus Containing Cooling FluidAPPLICANT
Edward W. KnowltonFILING DATE
HerewithGROUP
Unknown

U.S. PATENT DOCUMENTS

| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|------------------------|------------|-------|------------------|-------|----------|----------------|
| ROY | 4,957,480 | 9/90 | Morenings | 604 | 20 | 2/2/88 |
| | 4,962,761 | 10/90 | Golden | 128 | 400 | 5/4/89 |
| | 4,976,709 | 10/90 | Sand | 606 | 5 | 6/30/89 |
| | 5,003,991 | 4/91 | Takayama, et al. | 128 | 784 | 3/24/88 |
| | 5,133,351 | 7/92 | Masaki | 128 | 419 R | 3/14/90 |
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| | 5,186,181 | 2/93 | Franconi, et al. | 128 | 804 | 7/27/90 |
| | 5,190,517 | 3/93 | Zieve, et al. | 604 | 22 | 6/6/91 |
| | 5,230,334 | 7/93 | Klopotek | 128 | 399 | 1/22/92 |
| | 5,249,575 | 10/93 | DiMino, et al. | 607 | 150 | 10/21/91 |
| | 5,282,797 | 2/94 | Chess | 606 | 9 | 5/28/91 |
| | 5,304,169 | 4/94 | Sand | 606 | 5 | 8/17/92 |
| | 5,315,994 | 5/94 | Guibert, et al. | 607 | 101 | 3/5/93 |
| | 5,334,193 | 8/94 | Nardella | 606 | 41 | 11/13/92 |
| | 5,342,357 | 8/94 | Nardella | 606 | 40 | 11/13/92 |
| | 5,348,554 | 9/94 | Imran, et al. | 606 | 41 | 12/1/92 |
| | 5,370,642 | 12/94 | Keller | 606 | 9 | 8/2/93 |
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| | 5,660,836 | 8/97 | Knowlton | 424 | 400 | 5/5/95 |
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| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
|------------------------|------------|------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|------------------------|----------------------------------|
| EXAMINER Roy Gibson | DATE CONSIDERED Mar. 18, 2003 |
|------------------------|----------------------------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

PTO-1449

ATTY. DOCKET NO.
16904-760106361870
APPLICATION NO.
To Be AssignedTITLE:
Tissue Remodeling Apparatus Containing Cooling FluidAPPLICANT
Edward W. KnowltonFILING DATE
HerewithGROUP
Unknown

U.S. PATENT DOCUMENTS

| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|------------------------|------------|---------|-----------------|-------|----------|----------------|
| <i>Roy</i> | 5,423,807 | 6/95 | Milder | 606 | 20 | 1/24/94 |
| | 5,423,811 | 6/95 | Imran, et al. | 606 | 41 | 3/16/94 |
| | 5,437,662 | 8/95 | Nardella | 606 | 40 | 2/17/94 |
| | 5,458,596 | 10/95 | Lax, et al. | 606 | 31 | 5/6/94 |
| | 5,462,521 | 10/95 | Brucker, et al. | 604 | 20 | 12/21/93 |
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| | 4,756,310 | 7/12/88 | Bitterly | 128 | 400 | |
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| | 6,139,569 | 10/2000 | Ingle et al. | 607 | 104 | |
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| | 4,140,130 | 2/1979 | Storm, III | | | |
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| | 4,556,070 | 12/1985 | Vaguine et al. | | | |
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| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
|------------------------|--------------|----------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| <i>Roy</i> | 0 395 307 A2 | 10/31/90 | Europe | A61B | 17/36 | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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INFORMATION DISCLOSURE CITATION

PTO-1449

ATTY. DOCKET NO.
16904-76015/026,870
APPLICATION NO.
To Be AssignedTITLE:
Tissue Remodeling Apparatus Containing Cooling FluidAPPLICANT
Edward W. KnowltonFILING DATE
HerewithGROUP
Unknown

U.S. PATENT DOCUMENTS

| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|------------------------|------------|-------|-----------------|-------|----------|----------------|
| <i>R. G.</i> | 5,366,443 | 11/94 | Eggers, et al. | | | |
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| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
|------------------------|------------|-------|-------------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| <i>R. G.</i> | 266678 | 12/97 | New Zealand | | | | |
| | 98/03220 | 1/98 | PCT | | | | |
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| | 97/18765 | 5/97 | PCT | | | | |
| | 96/39914 | 12/96 | PCT | | | | |
| | 96/32051 | 10/96 | PCT | | | | |
| | 96/27327 | 9/96 | PCT | | | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| INFORMATION DISCLOSURE STATEMENT PTO-1449 | | ATTY. DOCKET NO. | | SERIAL NO. 10/026,870 | | | |
|---|------------|--------------------------------------|------------------|--------------------------|----------|--------------------------|--------------------------|
| | | APPLICANT <i>Knowlton</i> | | | | | |
| | | FILING DATE <i>12/20/01</i> | | GROUP: <i>3739</i> | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE | |
| <i>Roy</i> | 5,643,334 | 07/01/1997 | Eckhouse, et al. | 607 | 88 | 02/07/1995 | |
| | 5,655,547 | 08/12/1997 | Karni | 128 | 898 | 05/15/1996 | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | YES | NO |
| <i>Roy</i> | 02/26147 | 04/04/2002 | PCT | A61B | 18/14 | <input type="checkbox"/> | <input type="checkbox"/> |
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